

**Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. - 36. (canceled)

37. (currently amended) A communication device for receiving and transmitting signals, comprising:

a box formed from a metallic base plate, sidewalls and a metallic lid separated from the base plate by the sidewalls;

semiconductors mounted on ~~surface~~ a surface of the metallic base plate, which forms high frequency circuit including a first amplifier inputting signals received from an antenna, a first mixer mixing an output signal of the first amplifier with an output signal from an high frequency signal source, a second mixer mixing an input signal to be transmitted with an output signal from said high frequency signal source, and a second amplifier inputting an output signal of the second mixer and outputting to the antenna;

wherein at least a part of a ceiling part of the lid facing the inside of the box has a periodic structure to prevent propagation of undesired signal between said high frequency signal source, input side of the first amplifier and output side of the second amplifier.

38. (previously presented) A communication device according to claim 37:  
wherein said antenna is formed on the surface of the metallic base plate, and  
said metallic lid has a window for passing radio wave in vicinity of the plane antenna.